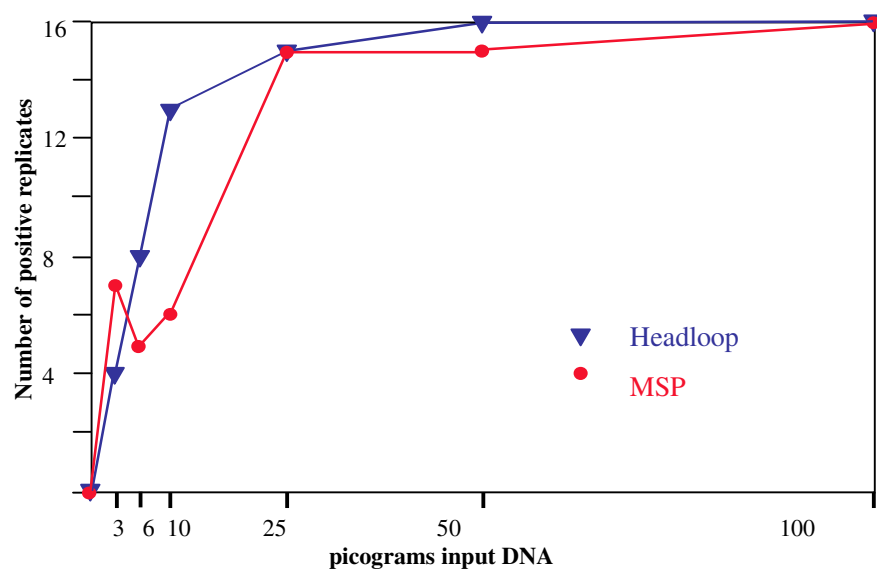
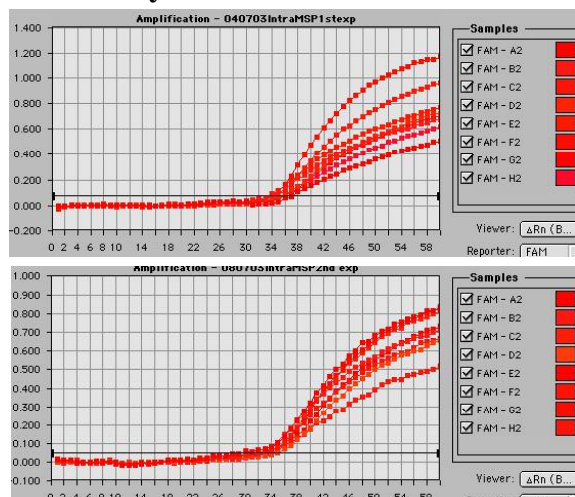


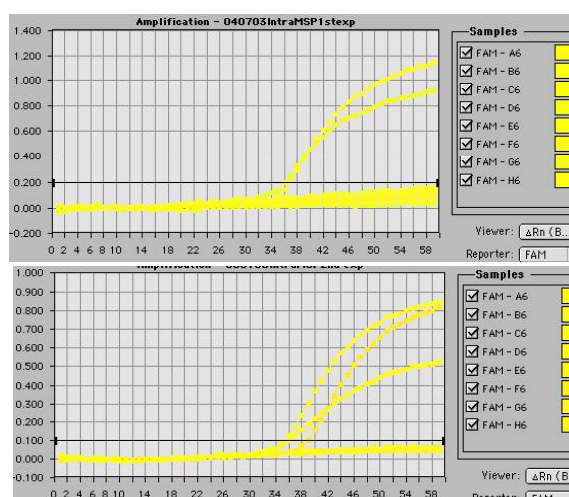
Supplementary Figure 2



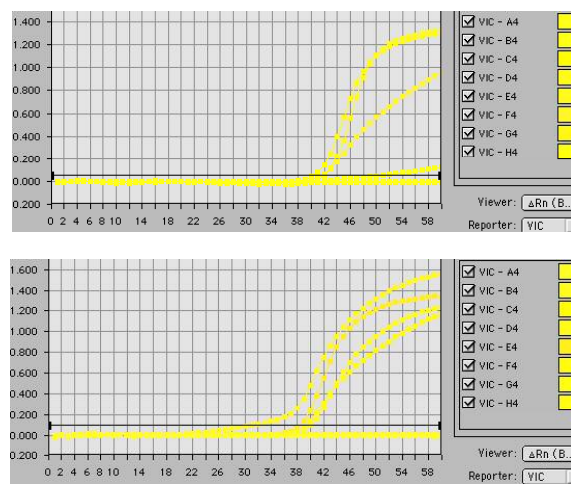
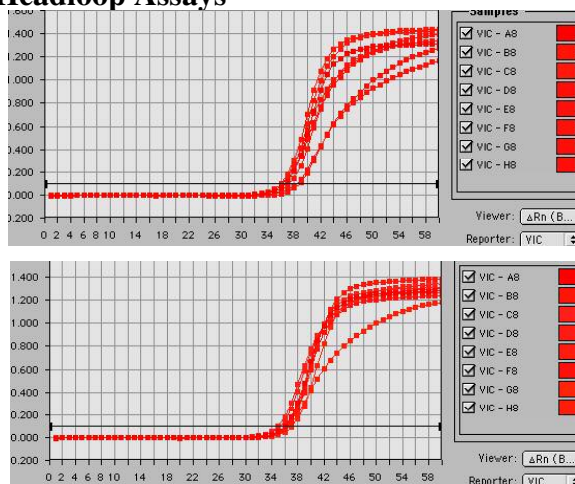
100pg Methylated DNA
MSP Assays



6pg Methylated DNA



Headloop Assays



Supplementary Figure 2

Sixteen replicate PCRs (8 in each of two separate experiments) for each of the GSTP1 intragenic MSP assay and intragenic bottom strand Headloop assay were run on a dilution series of in vitro methylated genomic DNA. The upper panel shows the number out of 16 replicates that were positive at each level of input DNA. The lower panels show the amplification curves for individual PCRs corresponding to 100pg input DNA (left hand panels) and 6pg input DNA (right hand panels). Each panel shows 8 replicate assays.

The data indicate the similar sensitivity of the assays down to levels of around one cell equivalent of DNA and the reproducibility of the Headloop assays.